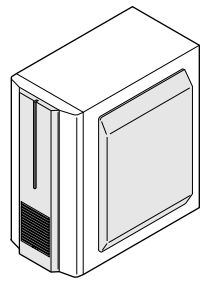
JVC

POWERED SUBWOOFER

SX-DW55

INSTRUCTIONS

Thank you for purchasing a JVC speaker.
Before you begin using it, please read the instructions carefully to be sure you get the best possible performance. If you have any questions, consult your JVC dealer.



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— SAFETY INSTRUCTIONS —
"SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT"

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read the operating instructions before you attempt to use the equipment.
Do ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions.
Switch off and withdraw the mains plug when making or changing connections.
Do consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.
Do be careful with glass panels or doors on equipment.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way—switch off, withdraw the mains plug and consult your dealer.
DON'T remove any fixed cover as this may expose dangerous voltages.
DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode.
Switch off using the switch on the equipment and make sure that your family know how to do this.
Special arrangements may need to be made for infirm of handicapped people.
DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.
DON'T listen to headphones at high volume as such use can permanently damage your hearing.
DON'T obstruct the ventilation of the equipment, for example with curtains or soft furnishing. Overheating will cause damage and shorten the life of the equipment.
DON'T use makeshift stands and NEVER fix legs with wood screws—to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.
DON'T allow electrical equipment to be exposed to rain or moisture.

ABOVE ALL.
– NEVER let anyone, especially children, push anything into holes, slots or any other opening in the case—this could result in a fatal electrical shock.
– NEVER guess or take chances with electrical equipment of any kind—it is better to be safe than sorry!

IMPORTANT for the U.K.
DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer.

BE SURE to replace the fuse only with an identical approved type, as originally fitted. If nonetheless the mains plug is cut off ensure to remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply. If this product is not supplied fitted with a mains plug then follow the instructions given below:

IMPORTANT:
DO NOT make any connection to the terminal which is marked with the letter E or by the safety earth symbol or colored green or green-and-yellow.
The wires in the mains lead on this product are colored in accordance with the following code:
Blue : Neutral
Brown : Live
As these colors may not correspond with the colored markings identifying the terminals in your plug proceed as follows:
The wire which is colored blue must be connected to the terminal which is marked with the letter N or colored black.
The wire which is colored brown must be connected to the terminal which is marked with the letter L or colored red.
IF IN DOUBT - CONSULT A COMPETENT ELECTRICIAN.

Warnings, Cautions and Others

■ Caution!

To avoid personal injury or accidentally dropping the unit, have two persons unpack, carry, and install the unit.

To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

■ Caution—POWER switch

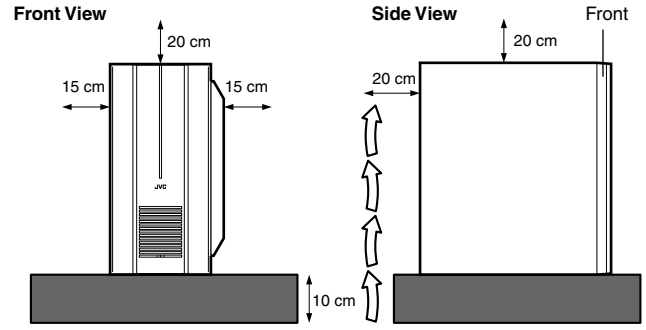
This apparatus is provided with POWER switch to minimize power consumption for safe use. Therefore,
1. Before doing initial settings, complete all the connections required, connect the mains plug into the wall outlet, then set the POWER switch to ON [▬]. The power lamp lights in green or red.
2. Press the AUTO ON / STANDBY switch to the ON [⏻] position.
   • If no sound comes in for a few minutes, the unit enters standby mode. The power lamp lights in red.
   • If the unit detects incoming signals, the unit starts operating. The power lamp lights in green.
3. Press out the AUTO ON / STANDBY switch to set it to the [▬] CANCEL position. The power lamp lights in green.
4. When not in use, set the POWER switch to OFF [⏻]. This disconnects the main line.

■ Cautions

- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

■ Caution—Proper Ventilation

To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
1. Front: No obstructions and open spacing.
2. Sides/ Top/ Back: No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.



■ Precautions for installation

- To prevent deformation or discoloration of the cabinet, do not install the unit where it is exposed to direct sunlight or high humidity, and avoid installation near air conditioning outlets.
- Speaker vibrations may cause howling. Place the unit as far away from the player as possible.
- Take the occurrence of earthquakes or other physical shocks into consideration when selecting the installation place, and secure the unit thoroughly.
- Tuner reception may become noisy or hissing if this unit is installed nearby the tuner. In this case, leave a more distance between the tuner and this unit or use an outdoor antenna for better tuner reception without interference from this unit.
- The unit is magnetically shielded to avoid color distortions on TVs. However, if not installed properly, it may cause color distortions. So, pay attention to the following when installing the unit.
  – When placing this unit near a TV set, turn off the TV's main power switch or unplug it before installing this unit.
  Then wait at least 30 minutes before turning on the TV's main power switch again.
  Some TVs may still be affected even though you have followed the above. If this happens, move this unit away from the TV.
- When the TV screen shakes, move this unit away from the TV to find a position where the screen doesn't shake and then set the unit there.

Connections (Make all connections before plugging in this unit.)

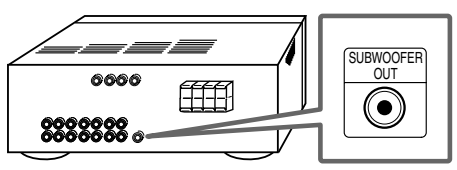
Checking Your Amplifier
Before connecting this unit to your amplifier (or receiver), check what types of connecting terminals your amplifier has.

Follow the instructions below to find a proper connection method for your equipment.
- Illustrations of jacks and terminals in this manual may be different from the ones actually used for your amplifier. The illustrations are of the most used type.

CAUTION
Before connecting this unit to the amplifier (or receiver), observe the following carefully.
- Turn off the amplifier.
- DO NOT use the INPUT 1 (LOW LEVEL) and INPUT 2 (HIGH LEVEL) terminals on the rear of this unit at the same time; otherwise, noise will be heard and may damage the unit.
- DO NOT connect this unit to the REC OUT jacks of your amplifier.

First check whether your amplifier has a subwoofer output jack.
It is usually named and printed as the "SUBWOOFER OUT" or "SUBWOOFER."

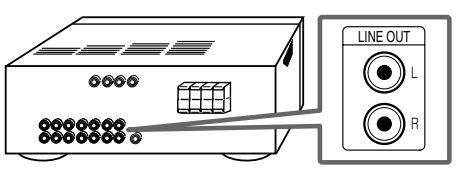
If you find it on your amplifier, follow **Connecting Method A**.



If you cannot find any

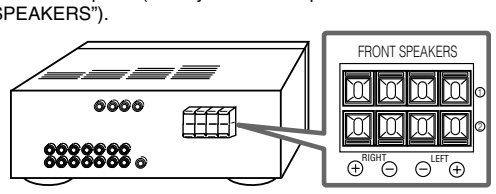
Next check whether your amplifier has line output jacks.
They are usually named and printed as "LINE OUT" or "LINE OUTPUT."

If you find them on your amplifier, follow **Connecting Method B**.



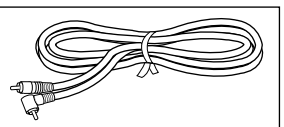
If you cannot find any

Follow **Connecting Method C**.
This connection can be used for two amplifiers, by connecting the front speaker terminals of the amplifier (usually named and printed as "FRONT SPEAKERS" or "MAIN SPEAKERS").



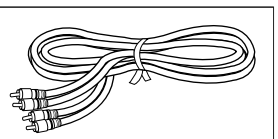
■ Connecting Method A

Preparation:
Use the supplied monaural audio cord.



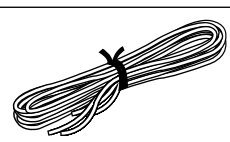
■ Connecting Method B

Preparation:
Purchase a stereo audio cord at an audio shop or electric shop.

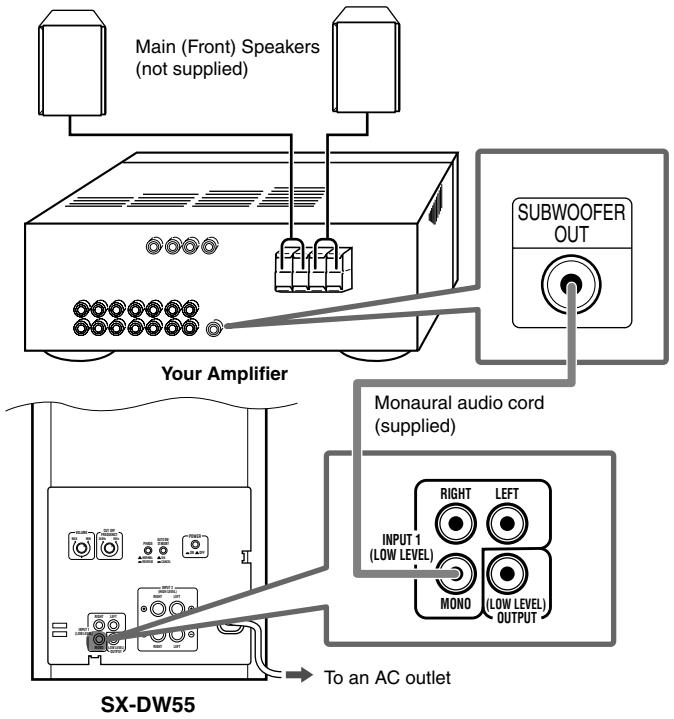


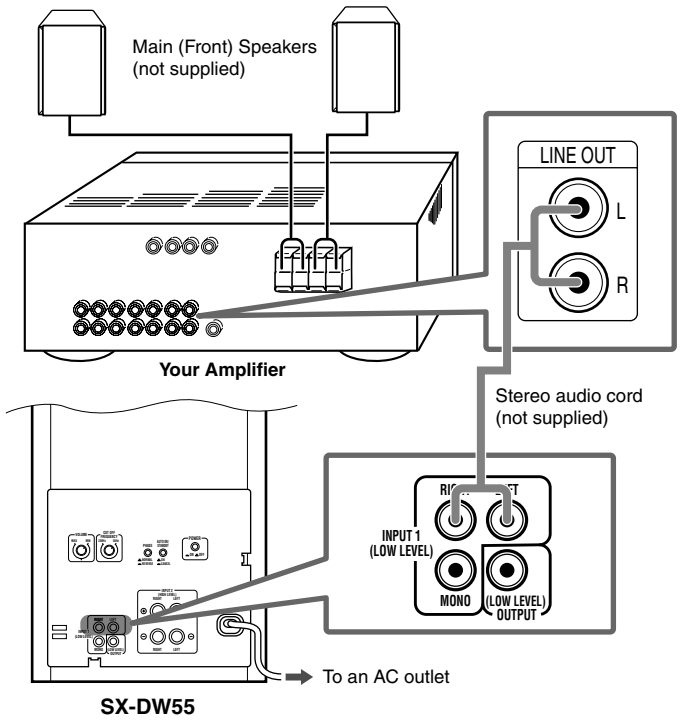
■ Connecting Method C

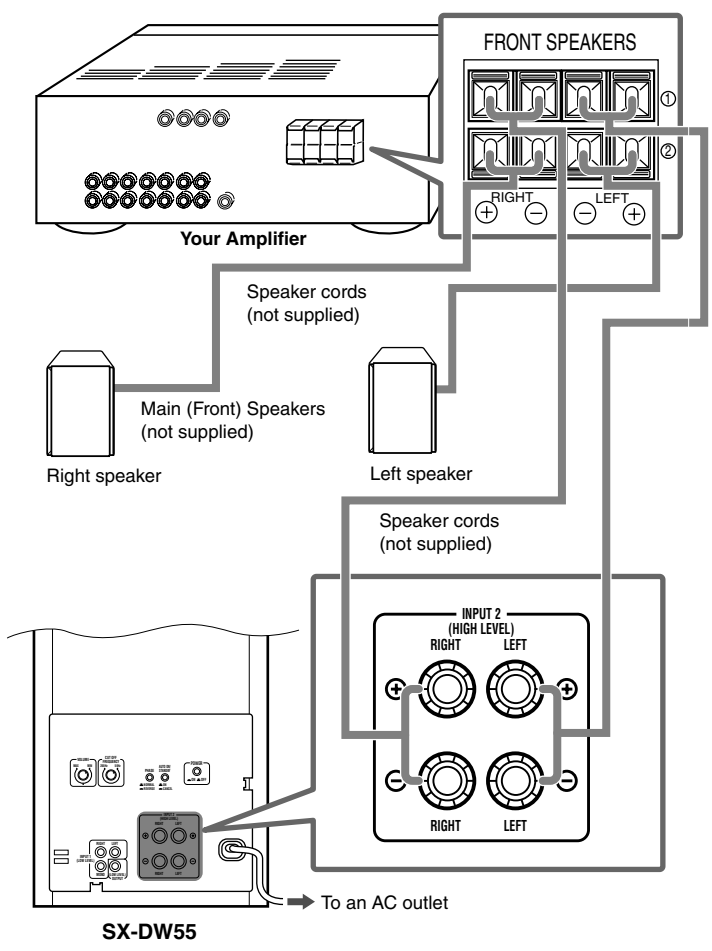
Preparation:
Purchase speaker cords at an audio shop or electric shop.



If your amplifier has only a monaural line output (MONO) jack, connect it to the MONO jack of the INPUT 1 (LOW LEVEL) terminal.

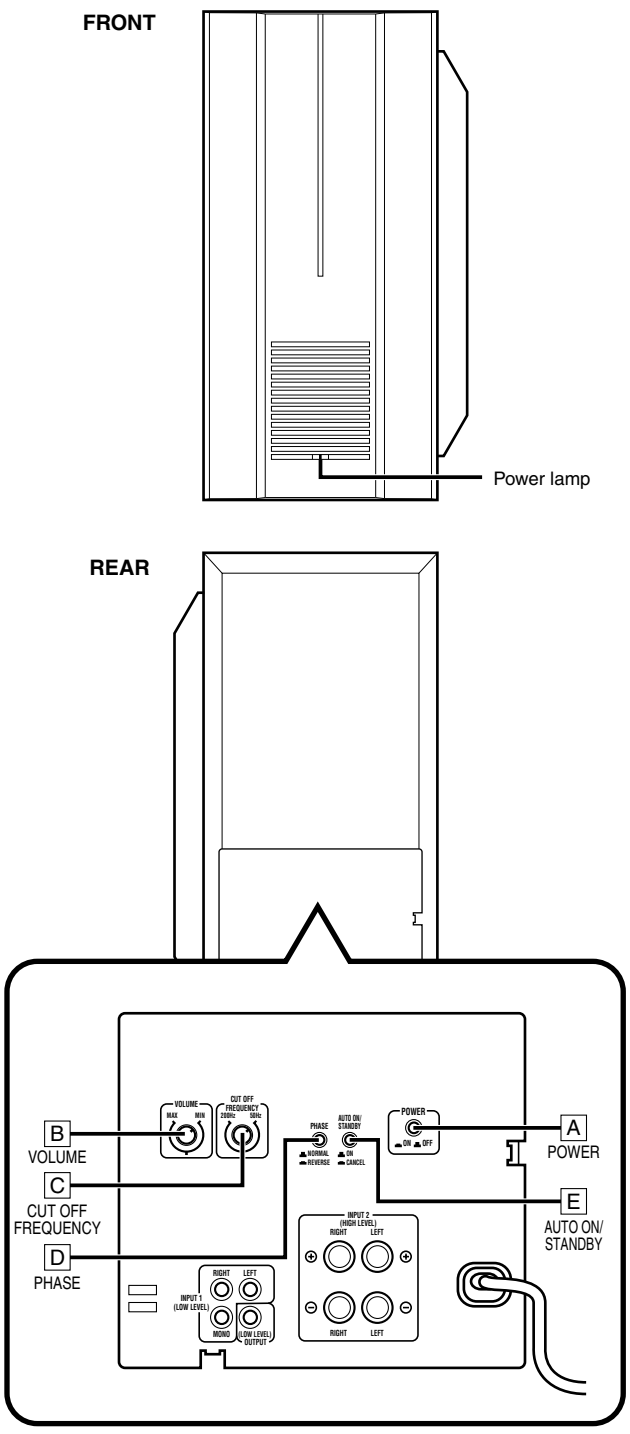






Memo
You can connect two or more subwoofer as desired with this terminal.

Operations



Turning On the Power—POWER A

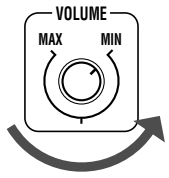
Press the ON [▂] portion of the POWER button.
The main power turns on and the power lamp in the front panel lights in green.
- The power lamp lights in red when the Auto On/ Standby places the unit into standby mode.

To completely cut off the power to this unit
Press the OFF [▆] portion of the POWER button.
This will disconnect the mains lead.

Adjusting the Volume—VOLUME B

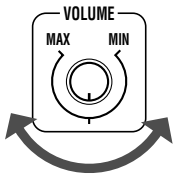
Adjust the volume output level through this unit while comparing with the sounds coming out of the main (front) speakers.
- Once you have adjusted the volume output level of this unit, you do not need to adjust it each time you use this unit.
  Adjusting the volume level on the connected amplifier will also adjust the volume level through this unit.

1. Turn the VOLUME knob to the MIN position.



2. Turn on the connected amplifier and start playing a source.
Playback sounds come out of the main (front) speakers and this unit.

3. Adjust the VOLUME knob to obtain a well-balanced sound level with that of the main (front) speakers.



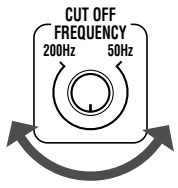
Caution
If the volume is set at a high level before starting play, the sudden blast of sound energy can permanently damage your hearing and/or ruin your speakers.

Adjusting the Crossover Frequency —CUT OFF FREQUENCY C

You can adjust the crossover frequency to determine the bass sound level this unit handles.
- Once it is set, only the sounds below the frequency come out of the built-in speaker.

Turn the CUT OFF FREQUENCY knob to obtain the best matching crossover frequency with your main speakers.

Adjust the frequency (50 Hz to 200 Hz) while listening to playback sound coming out of both the main speakers and this unit.



- If your main speakers can reproduce the bass sound well, adjust the frequency at a lower level.
- If you feel bass sounds are not sufficient, adjust the frequency at a higher level.

Changing the Phase—PHASE D

You can change the sound phase to match your preference.
Select either “NORMAL” or “REVERSE” to obtain a better bass sound.

Press in or out the PHASE button to select either the NORMAL position or the REVERSE position.

- NORMAL : Normally select this.
- REVERSE: Select this when you feel the bass sound is better with this mode rather than with “NORMAL.”

Operating the Unit Automatically According to the Incoming Signals —AUTO ON/STANDBY E

By using this function, this unit automatically enters standby mode even though the POWER switch is turned ON [▂].

Press the AUTO ON/STANDBY button to the ▆ ON position.

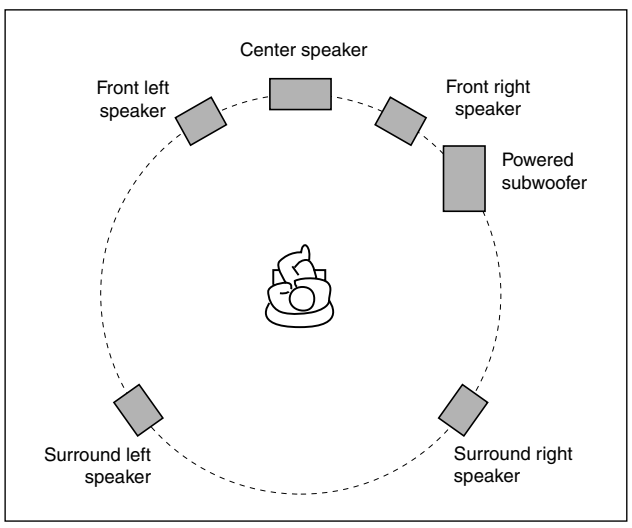
- If no sound comes in for about 10 minutes, the unit automatically enters standby mode. The power lamp lights in red. Then if the unit detects incoming signals, this unit starts operating automatically (the power lamp now lights in green).

If Auto On/Standby does not work correctly (see “Memo” below), press out the AUTO ON/STANDBY button to set it to the ▂ CANCEL position. Auto On/Standby is canceled.

Memo
When the volume level of the amplifier is so low or the incoming signals are so weak that this unit cannot detect sounds, Auto On/Standby may not work correctly.
- This unit may enter standby mode even though signals are coming in.
- This unit may not start operating after entering standby mode, even though signals start coming in.

Additional Information

Speaker layout
To obtain the best possible sound from your unit:
– Place a subwoofer wherever you like since bass sound is nondirectional. Normally place it in front of you.
– Place all the main speakers at the same distance from the listening position.
– Be sure to place the powered subwoofer to the TV's right. If you place the powered subwoofer to the TV's left, keep sufficient distance between them to prevent the TV from appearing mottled.



■ Precautions for Daily Use
- **To maintain the appearance of the unit**
  Wipe with a dry, soft cloth if the cabinet or control panel should become dirty. If very dirty, apply a small amount of water or neutral detergent to the cloth and wipe clean. Then wipe with a dry cloth.
- **To improve the sound field**
  If the speakers are facing a solid wall or glass door, etc., it is recommended to furnish the wall with materials that absorb sounds, for example by hanging up thick curtains, to prevent reflections and standing waves.

Troubleshooting
Use this chart to help you solve daily operational problems. If there is any problem you cannot solve, contact your dealer.

Symptom	Possible Cause	Action
Power does not come on.	Is the unit plugged in?	Plug the AC power cord firmly into the AC outlet.
Auto On/Standby does not function correctly.	Signals are too weak or volume level is too low.	This is not a malfunction. If this happens, cancel Auto On/Standby.
No sound is heard.	Is the VOLUME knob turned to the MIN position?	Turn the VOLUME knob until a suitable volume is found.
	Connections are incorrect, or loose.	Check the connections. If incorrect, redo the corrections.
	Audio signals through the amplifier are extremely weak.	Increase the volume level on the amplifier.
Sounds fluctuate (suddenly become loud or soft).	The built-in protective circuit is working.	Lower the volume level on the amplifier so that the symptom will not occur.
Suddenly no sound comes out. – the power lamp lights in red.	The VOLUME knob on the rear is set to a very high level.	Turn down the volume, then turn off and on this unit.
Suddenly no sound comes out. – the power lamp still lights in green.	The volume of the playback source is too high.	Turn down the volume of the playback source, turn off and on the source, then adjust the volume properly on the source.

Specifications

Type	:	Powered Subwoofer Bass-reflex type, (magnetically shielded type)
Speaker unit	:	25.0 cm cone (× 1)
Frequency range	:	25 Hz to 200 Hz
Input impedance	:	50 kΩ (LOW LEVEL) 470 Ω (HIGH LEVEL)
Input terminals	:	INPUT 1 (LOW LEVEL) INPUT 2 (HIGH LEVEL)
Power requirements	:	AC 230 V ∿, 50 Hz
Output power of built-in amp	:	240 W (50 Hz, 4 Ω, 10 % THD)
Power consumption	:	60 W
Dimensions	:	(W/H/D) 254 × 481 × 430.5 mm
Mass	:	17.3 kg
Accessories	:	Monaural audio cord (× 1) If the item mentioned above is missing, contact your dealer immediately.

Design and specifications subject to change without notice.